MASSMUTUAL CORPORATE INVESTORS Form N-CSR March 06, 2007

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

> > FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-2183

MassMutual Corporate Investors

(Exact name of registrant as specified in charter)

1500 Main Street, Suite 600, P.O. Box 15189, Springfield, MA 01115-5189

(Address of principal executive offices) (Zip code)

Rodney J. Dillman, Vice President and Secretary 1500 Main Street, Suite 2800, P.O. Box 15189, Springfield, MA 01115-5189 (Name and address of agent for service)

Registrant's telephone number, including area code: 413-226-1000

Date of fiscal year end: 12/31

Date of reporting period: 12/31/06

Form N-CSR is to be used by management investment companies to file reports with the Commission not later than 10 days after the transmission to stockholders of any report that is required to be transmitted to stockholders under Rule 30e-1 under the Investment Company Act of 1940 (17 CFR 270.30e-1). The Commission may use the information provided on Form N-CSR in its regulatory, disclosure review, inspection and policymaking roles.

A registrant is required to disclose the information specified by Form N-CSR, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-CSR unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. ss. 3507.

ITEM 1. REPORT TO STOCKHOLDERS.

Attached hereto is the annual shareholder report transmitted to shareholders pursuant to Rule 30e-1 of the Investment Company Act of 1940, as amended.

[PHOTO]

[LOGO] MASSMUTUAL CORPORATE INVESTORS 2006 ANNUAL REPORT

MassMutual Corporate Investors

MASSMUTUAL CORPORATE INVESTORS c/o Babson Capital Management LLC 1500 Main Street, Suite 600 Springfield, Massachusetts 01115 (413) 226-1516 http://www.babsoncapital.com/mci

ADVISER Babson Capital Management LLC 1500 Main Street Springfield, Massachusetts 01115

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM KPMG LLP Boston, Massachusetts 02110

COUNSEL TO THE TRUST Ropes & Gray LLP

Boston, Massachusetts 02110

CUSTODIAN

Citibank, N.A. New York, New York 10043

TRANSFER AGENT & REGISTRAR Shareholder Financial Services, Inc. P.O. Box 173673 Denver, Colorado 80217-3673 1-800-647-7374

MCI LISTED NYSE

[BACKGROUND PHOTO]

MassMutual Corporate Investors

MassMutual Corporate Investors is a closed-end investment company, first offered to the public over 35 years ago, whose shares are traded on the New York Stock Exchange.

PROXY VOTING POLICIES & PROCEDURES; PROXY VOTING RECORD

The Trustees of MassMutual Corporate Investors have delegated proxy voting responsibilities relating to the voting of securities held by the Trust to Babson Capital Management LLC. A description of Babson Capital's proxy voting policies and procedures is available (1) without charge, upon request, by calling, toll-free 866-399-1516; (2) on MassMutual Corporate Investors' website: http://www.babsoncapital.com/mci; and (3) on the U.S. Securities and Exchange Commission ("SEC") website at http://www.sec.gov. Information regarding how the Trust voted proxies relating to portfolio securities during the most recent 12-month period ended June 30 is available (1) on MassMutual Corporate Investors' website: http://www.babsoncapital.com/mci; and (2) on the SEC's website at http://www.sec.gov.

FORM N-Q

MassMutual Corporate Investors files its complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. This information is available (i) on the SEC's website at http://www.sec.gov; and (ii) at the SEC's Public Reference Room in Washington, DC (which information on their operation may be obtained by calling 1-800-SEC-0330). A complete schedule of portfolio holdings as of each quarter-end is available upon request by calling, toll-free, 866-399-1516. Or visiting http://www.babsoncapital.com/mci.

MassMutual Corporate Investors

[BACKGROUND PHOTO]

INVESTMENT OBJECTIVE & POLICY

MassMutual Corporate Investors (the "Trust") is a closed-end investment company, first offered to the public in 1971, whose shares are traded on the New York Stock Exchange under the trading symbol "MCI". The Trust's share price can be found in the financial section of most newspapers as "MassCp" or "MassMuInv" under either the New York Stock Exchange listings or Closed-End Fund Listings.

The Trust's investment objective is to maintain a portfolio of securities providing a fixed yield and at the same time offering an opportunity for capital gains. The Trust's principal investments are privately placed, below-investment grade, long-term corporate debt obligations with equity features such as warrants, conversion rights, or other equity features and, occasionally,

preferred stocks. The Trust typically purchases these investments, which are not publicly tradable, directly from their issuers, which tend to be smaller companies. In addition, the Trust may temporarily invest, subject to certain limitations, in marketable investment grade debt securities, other marketable debt securities (including high yield securities) and marketable common stocks.

Babson Capital Management LLC ("Babson Capital") manages the Trust on a total return basis. The Trust distributes substantially all of its net income to shareholders each year. Accordingly, the Trust pays dividends to shareholders quarterly in January, May, August, and November. The Trust pays dividends to its shareholders in cash, unless the shareholder elects to participate in the Dividend Reinvestment and Share Purchase Plan.

In this report you will find a complete listing of the Trust's holdings. We encourage you to read this section carefully for a better understanding of the Trust. We cordially invite all shareholders to attend the Trust's Annual Meeting of Shareholders, which will be held on April 27, 2007 at 2:00 P.M. in Springfield, Massachusetts.

PORTFOLIO COMPOSITION AS OF 12/31/06*

[PIE CHART APPEARS HERE]

Public Equity 1.4%

Private High Yield Debt 45.7%

Private Investment Grade Debt 5.4%

Private/Restricted Equity 15.3%

Cash & Short Term Investments 4.4%

Public High Yield Debt 27.8%

*BASED ON VALUE OF TOTAL INVESTMENTS (INCLUDING CASH)

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MassMutual Corporate Investors

[BACKGROUND PHOTO]

TO OUR SHAREHOLDERS

I am pleased to share with you the Trust's Annual Report for the year ended December 31, 2006.

THE TRUST'S 2006 PORTFOLIO PERFORMANCE

The Trust's net total portfolio rate of return for 2006 was 18.09%, as measured by the change in net asset value, assuming the reinvestment of all dividends and distributions. The Trust's total net assets were \$251,689,646, or \$27.51 per share, as of December 31, 2006 compared to \$236,275,418, or \$26.06 per share, as of December 31, 2005. The Trust paid a quarterly dividend of 48 cents per share for the first quarter of 2006 and then 50 cents per share for the next three

quarters, with the fourth quarter dividend paid in January 2007. In addition, the Trust declared a special year-end dividend of 50 cents per share, paid in January 2007 to shareholders of record on December 29, 2006, bringing total dividends for the year to \$2.48. All in all, we are very pleased with the Trust's 2006 portfolio performance.

[PHOTO OF OFFICERS]

LEFT TO RIGHT: Clifford M. Noreen PRESIDENT Roger W. Crandall CHAIRMAN

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MassMutual Corporate Investors

TOTAL ANNUAL PORTFOLIO RETURN (AS OF 12/31 EACH YEAR)*

[BAR CHART APPEARS HERE]

MASSMUTUAL INVESTORS IN THE NET REINVESTED	18.09	20.04	22.76	22.61	4.80	5.91	7.28	7.53	17.12	27.14
STANDARD & INDUSTRIAL (FORMERLY & POOR'S I	14.79	3.98	10.20	28.34	-23.51	-11.67	-16.26	25.89	33.77	31.04
LEHMAN BRC INTERMEDIA U.S. CREDI (FORMERLY BROTHERS I CORPORATE	4.49	1.42	4.08	6.91	10.14	9.77	9.46	0.16	8.29	8.36
	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997

*DATA FOR MASSMUTUAL CORPORATE INVESTORS (THE "TRUST") REPRESENTS PORTFOLIO RETURNS BASED ON CHANGE IN THE TRUST'S NET ASSET VALUE ASSUMING THE REINVESTMENT OF ALL DIVIDENDS AND DISTRIBUTIONS WHICH DIFFERS FROM THE TOTAL INVESTMENT RETURN BASED ON MARKET VALUE DUE TO THE DIFFERENCE BETWEEN THE TRUST'S NET ASSET VALUE AND THE MARKET VALUE OF ITS SHARES OUTSTANDING (SEE PAGE 12 FOR TOTAL INVESTMENT RETURN BASED ON MARKET VALUE); PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.

[PHOTO OF OFFICERS]

LEFT TO RIGHT: James M. Roy VICE PRESIDENT & CHIEF FINANCIAL OFFICER Rodney J. Dillman VICE PRESIDENT, SECRETARY & CHIEF LEGAL OFFICER

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MassMutual Corporate Investors

The table shown below lists the average annual returns of the Trust's portfolio, based on the change in net assets, assuming the reinvestment of all dividends and distributions, compared to the average annual returns of selected equity and fixed income market indices for the 1, 3, 5 and 10 years ended December 31, 2006.

The U.S. economy and investment markets started the year slowly amid lukewarm expectations due to concerns over inflation and the housing market, yet 2006 concluded with some very strong performance, especially in the equity markets. A key date was June 29th, when the Federal Reserve Board completed its fourth and final quarter-point interest rate increase for the year (and 17th since mid-2004).

		LEHMAN	LEHMAN	STANDARD	
		BROTHERS	BROTHERS	& POOR'S	
	THE	U.S. CORPORATE	INTERMEDIATE	INDUSTRIALS	RUSSELL
	TRUST	HIGH YIELD INDEX	U.S. CREDIT INDEX*	COMPOSITE**	2000 INDEX
1 Year	18.09%	11.85%	4.49%	14.79%	18.37%
3 Year	20.28%	8.49%	3.32%	9.57%	13.56%
5 Year	17.46%	10.18%	5.37%	5.25%	11.39%
10 Year	15.06%	6.59%	6.25%	7.72%	9.44%

PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS. *FORMERLY CALLED THE LEHMAN BROTHERS INTERMEDIATE CORPORATE BOND INDEX. ****FORMERLY CALLED THE STANDARD & POOR'S INDUSTRIAL PRICE INDEX.

LEFT TO RIGHT:

Jill A. Fields VICE PRESIDENT

Michael P. Hermsen VICE PRESIDENT

Michael L. Klofas VICE PRESIDENT

Richard E. Spencer, II VICE PRESIDENT

[PHOTO OF OFFICERS]

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MassMutual Corporate Investors

Eventually, commodity prices tumbled, relieving some inflation fears, and economic growth was sustained even as the housing market declined. The market focused on continued solid earnings growth, reasonable inflation and stable interest rates.

Overall, the US economy remains in good shape, but not without question marks. The unemployment rate in 2006 dropped to 4.5 percent from 5 percent the previous year, according to the US Department of Labor. However, core inflation was up to 2.6 percent from 2.2 percent in both 2005 and 2004, and the value of the dollar

versus several other currencies dropped in 2006 and is expected to continue to drop in 2007.

Investors continued to witness an ever stronger corporate-credit market in 2006. Corporate credit defaults around the globe continued their downward trend for the fifth consecutive year, as reported by Moody's Investors Service. Moody's global issuer-weighted speculative-grade default rate finished the year at 1.7 percent, down from 1.9 percent in 2005 and its lowest level since 1996. Moody's expects the default rate to climb in 2007 but remain well below its historical average of 5 percent.

[BACKGROUND PHOTO]

Overall, the Trust closed 24 new private placement transactions during 2006 - a record number - and added to eight existing private placement investments. Total direct placement volume of \$56,483,647 is also a record for the Trust.

New private placement transactions invested in during the year were: Momentum Holding Co.; NABCO, Inc.; Duncan Systems, Inc.; Flutes Inc.; OakRiver Technology, Inc.; Overton's Holding Company; Magnatech International Inc.; Wellborn Forest Holding Co.; Bravo Sports Holding Corporation; Davis- Standard LLC; F H S Holdings LLC; Fowler Holding, Inc.; Fuel Systems Holding Corporation; H M Holding Company; K N B Holdings Corporation; Monessen Holding Corporation; Morton Industrial Group, Inc.; Ontario Drive & Gear Ltd.; PA S Holdco LLC; P I I Holding Corporation; Postle Aluminum Company LLC; R AJ Manufacturing Holdings LLC; Radiac Abrasives, Inc.; and Stanton Carpet Holding Co.

In addition, the Trust added to existing private placement investments in Augusta Sportswear Holding Co.; A T I Acquisition Company; American Hospice Management Holding LLC; River Ranch Fresh Foods LLC; Consolidated Foundries Holdings; Eagle Pack Pet Foods, Inc.; Micro-Group, Inc.; and Terra Renewal Services, Inc.

MassMutual Corporate Investors

THE OUTLOOK FOR 2007

Optimism abounds at the beginning of 2007 based on events in the fourth quarter of 2006, but history reminds us that there are no assurances a year will finish as it starts. Consumer confidence remains strong, and there are indications that the housing market may be through the worst of the downturn that started in 2006. Oil prices fell precipitously at the end of 2006 after significant increases in 2004 and 2005. The Fed indicates that it is on hold with interest rates for the time being, and the corporate debt market appears in good shape. However, Treasury bond activity is sending mixed signals, the dollar continues to drop, and instability and conflict in the Middle East could create new problems at any time. As always, no one can predict the future with any degree of certainty.

Regarding mergers and acquisitions (M&A), there are strong indications that the record M&Aactivity of 2006 around the globe could continue into 2007. Last year was the world's most active M&A environment ever, with \$3.79 trillion in announced deals worldwide, up 38 percent from 2005, according to Thomson Financial. Private equity firms had a larger than ever role last year, taking part in 20 percent of these deals, and it is estimated that these firms still have some \$750 billion in capital ready to go to work. Buyout firms also appear more willing than most corporations to use debt financing, and the current good health of credit markets may allow buyout firms to push the M&A boom further.

Regardless of the economic environment, however, the Trust continues to

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repeatedly employ the investment philosophy that has served it well since its inception: investing in companies which we believe have a strong business proposition, solid cash flow and experienced, ethical management. This philosophy, combined with Babson Capital's seasoned investment-management team and the Trust's financial position, contribute to the Trust being well positioned for future investment opportunities that meet its investment objectives and policies. As always, I would like to thank you for your continued interest in and support of MassMutual Corporate Investors.

Sincerely,

/S/ Clifford M. Noreen, _____Clifford M. Noreen, PRESIDENT

CAUTIONARY NOTICE: CERTAIN STATEMENTS CONTAINED IN THIS REPORT TO SHAREHOLDERS MAY BE "FORWARD LOOKING" STATEMENTS WITHIN THE MEANING OF THE PRIVATE SECURITIES LITIGATION ACT OF 1995. THESE STATEMENTS ARE NOT GUARANTEES OF FUTURE PERFORMANCE AND ACTUAL RESULTS MAY DIFFER MATERIALLY FROM THOSE FORECASTED.

2006 Dividends	Record Date	Net Investment Income	Short-Term Gains	Tax Effect	Long-Term Gains
Regular	05/02/06	\$0.4800			\$0.0000
	07/28/06	0.5000			
	10/30/06	0.5000			
	12/29/06	0.5000			
Special	12/29/06	0.4860	\$0.0140		
		\$2.4660	\$0.0140	\$2.4800	\$0.0000

The following table summarizes the tax effects of the retention of capital gains for 2006:

	Amount Per Share	Form 2439	
			-
2006 Gains Retained	1.9399	Line 1a	
Long-Term Gains Retained	1.9399		
Taxes Paid	0.6790	Line 2*	
Basis Adjustment	1.2609	* *	
			_

*IF YOU ARE NOT SUBJECT TO FEDERAL CAPITAL GAINS TAX (E.G., CHARITABLE ORGANIZATIONS, IRAS AND KEOGH PLANS), YOU MAY BE ABLE TO CLAIM A REFUND BY FILING FORM 990-T. **FOR FEDERAL INCOME TAX PURPOSES, YOU MAY INCREASE THE ADJUSTED COST BASIS OF YOUR SHARES BY THIS AMOUNT (THE EXCESS OF LINE 1A OVER LINE 2).

Annual Dividend Amount Per Share	Received	for Dividend Deduction*** Amount Per Share	~	ed Dividends**** Amount Per Share	U.S. Gov	est Earned 7't. Obliga Amount Pe
\$2.48	14.9716%	0.3713	14.9703%	0.3713	0.0000%	0.000

NOT AVAILABLE TO INDIVIDUAL SHAREHOLDERS *QUALIFIED DIVIDENDS ARE REPORTED IN BOX 1B ON IRS FORM 1099-DIV FOR 2006 MassMutual Corporate Investors

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MassMutual Corporate Investors

CONSOLIDATED STATEMENT OF ASSETS AND LIABILITIES DECEMBER 31, 2006

ASSETS: Investments (See Consolidated Schedule of Investments) Corporate restricted securities at fair value \$ 187,640,308 (Cost - \$184,641,225) Corporate public securities at market value (Cost - \$ 79,333,836) 82,519,303 Short-term securities at amortized cost 7,188,341 _____ 277,347,952 _____ Cash 5,184,468 Interest and dividends receivable 6,134,665 Receivable for investments sold 500,863 _____ TOTAL ASSETS \$ 289,167,948

LIABILITIES:	
Dividend payable	\$ 9,149,919
Investment advisory fee payable	786,530
Note payable	20,000,000
Interest payable	188,856 165,977
Accrued expenses Accrued taxes payable	7,187,020
TOTAL LIABILITIES	37,478,302
TOTAL NET ASSETS	251,689,646 ======
NET ASSETS:	
Common shares, par value \$1.00 per share; an unlimited	
number authorized	9,149,919
Additional paid-in capital	108,209,270
Retained net realized gain on investments, prior years	115,317,244
Undistributed net investment income	1,798,902
Accumulated net realized gain on investments	11,680,778
Net unrealized appreciation of investments	5,533,533
TOTAL NET ASSETS	251,689,646
COMMON SHARES ISSUED AND OUTSTANDING	9,149,919
NET ASSET VALUE PER SHARE	\$
SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.	
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MassMutual Co	rporate Investors
CONSOLIDATED STATEMENT OF OPERATIONS FOR THE YEAR ENDED DECEMBER 31, 2006	
INVESTMENT INCOME:	
Interest	\$ 23,856,919
Dividends	1,589,829
Other	366,518
TOTAL INVESTMENT INCOME	25,813,266
EXPENSES:	
Investment advisory fees	3,192,645
Interest	1,516,645
Professional fees	120,500
Trustees' fees and expenses	160,500
Reports to shareholders	111,000
Custodian fees Transfer agent/registrar's expenses	34,000
Transtor agont/rogistraris ovnonsos	~~ ~~ ~
Other	32,000 67,288

TOTAL EXPENSES	5,234,578
Fees paid indirectly (see Footnote 2.F)	(102,455)
NET EXPENSES	5,132,123
INVESTMENT INCOME - NET	20,681,143
NET REALIZED AND UNREALIZED GAIN (LOSS) ON INVESTMENTS: Net realized gain on investments before taxes Income tax expense	18,942,246 (6,640,555)
Net realized gain on investments	12,301,691
Net change in unrealized appreciation of investments Net change in deferred income tax expense	2,831,497 (375,445)
Net change in unrealized appreciation of investments	2,456,052
NET GAIN ON INVESTMENTS	14,757,743
NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 35,438,886 ======

SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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MassMutual Corporate Investors	
CONSOLIDATED STATEMENT OF CASH FLOWS FOR THE YEAR ENDED DECEMBER 31, 2006	
NET DECREASE IN CASH: Cash flows from operating activities: Interest, dividends, and other received Interest expense paid Operating expenses paid Income taxes paid	\$ 23,341,010 (1,515,500) (3,526,384) (7,401,446)
NET CASH PROVIDED BY OPERATING ACTIVITIES	10,897,680
Cash flows from investing activities: Purchases/Proceeds/Maturities from short-term portfolio securities, net Purchases of portfolio securities Proceeds from disposition of portfolio securities	17,471,640 (98,552,036) 89,029,580
NET CASH PROVIDED BY INVESTING ACTIVITIES	7,949,184
NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES	18,846,864

Cash flows from financing activities:

Cash dividends paid from net investment income Cash dividends paid from net realized gain on investments Receipts for shares issued on reinvestment of dividends	(20,296,206) (1,446,640) 2,619,000
NET CASH USED FOR FINANCING ACTIVITIES	(19,123,846)
NET DECREASE IN CASH Cash - beginning of year	(276,982) 5,461,450
CASH - END OF YEAR	\$ 5,184,468
RECONCILIATION OF NET INCREASE IN NET ASSETS TO NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES: NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 35,438,886
Increase in investments Increase in interest and dividends receivable Decrease in receivable for investments sold Decrease in other assets Increase in investment advisory fee payable Increase in interest payable Decrease in accrued expenses Decrease in accrued taxes payable	(15,601,109) (1,111,949) 416,242 49,175 48,169 1,145 (8,249) (385,446)
TOTAL ADJUSTMENTS TO NET ASSETS FROM OPERATIONS	(16,592,022)
NET CASH PROVIDED BY OPERATING AND INVESTING ACTIVITIES	\$ 18,846,864 =======

SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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MassMutual Corporate Investors

CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS FOR THE YEARS ENDED DECEMBER 31, 2006 AND 2005

	2006	2005
INCREASE IN NET ASSETS:		
Operations:		
Investment income - net	\$ 20,681,143	\$ 18,371,097
Net realized gain on investments	12,301,691	15,531,627
Net change in unrealized appreciation of		
investments	2,456,052	2,199,515
Net increase in net assets resulting from		
operations	35,438,886	36,102,239
Increase from common shares issued on reinvestment		
of dividends Common shares issued		
(2006 - 84,966; 2005 - 86,526)	2,619,000	2,375,977

Dividends to shareholders from: Net investment income (2006 - \$2.47 per share;		
2005 - \$2.11 per share) Net realized gains on investments (2006 - \$0.01;	(22,518,167)	(19,033,162)
2005 - \$0.18 per share)	(125,491)	(1,674,784)
TOTAL INCREASE IN NET ASSETS		17,770,270
NET ASSETS, BEGINNING OF YEAR	236,275,418	218,505,148
NET ASSETS, END OF YEAR (INCLUDING UNDISTRIBUTED NET INVESTMENT INCOME OF \$1,798,902 AND \$1,848,444,		
RESPECTIVELY)	\$251,689,646	\$236,275,418

SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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MassMutual Corporate Investors

CONSOLIDATED SELECTED FINANCIAL HIGHLIGHTS

							2003		200
Ş	26.06	\$	24.34	\$	21.84	\$	19.40	\$	2
	2.27		2.03		2.00		1.44		
	1.62		1.96(b)	2.64		2.83		(
	3.89		3.99		4.64		4.27		
	(2.47)		(2.11)		(2.16)		(1.84)		(
	(0.01)		(0.18)						(
	0.04		0.02		0.02		0.01		
	(2.44)		(2.27)		(2.14)		(1.83)		1
\$	27.51							\$	1
		\$	30.05	\$	28.50			\$ ===	1
	\$ \$ 	\$ 26.06 2.27 1.62 3.89 (2.47) (0.01) 0.04 (2.44) \$ 27.51 \$ 34.89	\$ 26.06 \$ 2.27 1.62 3.89 (2.47) (0.01) 0.04 (2.44) \$ 27.51 \$ \$ 34.89 \$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					

Market value

29.04% 16.95% 36.10% 27.53%

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Net asset value(c)	18.09%	20.04%	22.76%	22.61%	
Net assets (in millions): End of year	\$ 251.69 \$	236.28 \$	218.51 \$	193.79 \$	17
Ratio of operating expenses to average net assets	1.43%	1.78%	1.93%	2.04%	
Ratio of interest expense to average net assets	0.60%	0.73%	0.77%	0.82%	
Ratio of total expenses before custodian reduction to average net assets	2.07%	2.52%	2.70%	2.86%	
Ratio of net expenses after custodian reduction to average net assets	2.03%	2.51%	2.70%	2.86%	
Ratio of net investment income to average net assets	8.19%	7.98%	8.68%	6.95%	
Portfolio turnover	34.70%	35.22%	53.45%	56.10%	3

(a) CALCULATED USING AVERAGE SHARES.

(b) AMOUNT INCLUDES \$0.19 PER SHARE IN LITIGATION PROCEEDS.

(c) NET ASSET VALUE RETURN REPRESENTS PORTFOLIO RETURNS BASED ON CHANGE IN THE TRUST'S NET ASSET ASSUMING THE REINVESTMENT OF ALL DIVIDENDS AND DISTRIBUTIONS WHICH DIFFERS FROM THE TOTAL INV RETURN BASED ON THE TRUST'S MARKET VALUE DUE TO THE DIFFERENCE BETWEEN THE TRUST'S NET ASSET AND THE MARKET VALUE OF ITS SHARES OUTSTANDING; PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RE

Senior securities:						
Total principal amount (in millions)	\$ 20 \$		20	\$ 29	\$ 20	\$
Asset coverage per \$1,000 of indebtedness	\$ 13,584 \$	1	2,814	\$ 8,535	\$ 10,689	\$ 9

SEE NOTES TO CONSOLIDATED FINANCIAL STATEMENTS.

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006

	Shares, Units,
	Warrants,
	Ownership or Acquisiti
Corporate Restricted Securities - 74.55%:(A)	Principal Amount Date
Private Placement Investments - 69.30%	

A T I ACQUISITION COMPANY A for-profit post-secondary school serving students in Texas, Florida and Arizona. 12% Senior Subordinated Note due 2012 \$ 2,125,000 04/08/04 Warrant, exercisable until 2012, to purchase

common stock at \$.02 per share (B) Warrant, exercisable until 2012, to purchase	2,323 shs.	04/08/04
preferred stock at \$.01 per share (B)	63,287 shs.	03/23/06
ADORN, INC.		
A manufacturer of wall panels, cabinets, moldings and countertops for 12.5% Subordinated Note due 2012 Warrant, exercisable until 2012, to purchase	houses and recrea \$ 1,465,517	
common stock at \$.02 per share	364 shs.	02/29/00
AMERCABLE, INC.		
A manufacturer of electric power, instrumentation and control cables, 12% Senior Subordinated Note due 2013	\$ 1,101,852	04/08/05
Limited Partnership Interest (B) Warrant, exercisable until 2013, to purchase	0.36% int.	
common stock at \$.01 per share (B)	125 shs.	04/08/05
AMERICAN HOSPICE MANAGEMENT HOLDING LLC A for-profit hospice care provider in the United States.		
12% Senior Subordinated Note due 2010 Preferred Class AUnit (B)	\$ 2,125,000 3,223 uts.	01/22/04 *
Common Class B Unit	30,420 uts.	01/22/04
Common Class D Unit (B)	6,980 uts.	09/12/06
*01/22/04 AND 09/12/06.		
ARROW TRU-LINE HOLDINGS, INC. A manufacturer of hardware for residential and commercial overhead gam	rage doors in Nort	h America.
12% Senior Subordinated Note due 2012	\$ 1,627,660	05/18/05
Common Stock (B) Warrant, exercisable until 2012, to purchase	497 shs.	
common stock at \$.01 per share (B)	130 shs.	05/18/05
AUGUSTA SPORTSWEAR HOLDING CO.		
A manufacturer and distributor of athletic apparel, activewear and tea 12% Senior Subordinated Note due 2012 Common Stock (B)	\$ 1,686,800 520 shs.	12/31/04 **
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	137 shs.	12/31/04
**12/31/04, 03/31/05 AND 05/02/06.		
BETA BRANDS LTD. A manufacturer of hard candy and chocolate-coated products sold prima	rilv to the Canadi	an market.
5% Promissory Note due 2009 (B) Warrant, exercisable until 2009, to purchase	\$ 195,498	03/31/04
common stock at \$.01 per share (B)	4,895 shs.	03/31/04

MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006

	Shares, Units, Warrants, Ownership or	
Corporate Restricted Securities:(A) continued	Principal Amount	Date
BRAVO SPORTS HOLDING CORPORATION A designer and marketer of niche branded consumer products including skateboards, and urethane wheels.	canopies, trampoli	nes, in-li
12.5% Senior Subordinated Note due 2014	\$ 2,281,593	06/30/06
Preferred Stock Class A(B)	879 shs.	06/30/06
Common Stock (B)	1 shs.	06/30/06
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	309 shs.	06/30/06
CAINS FOODS, L.P.		
A producer of mayonnaise and sauce products for both the retail and f		
Limited Partnership Interest	3.69% int.	09/29/95
CAPESUCCESS LLC A provider of diversified staffing services.	1 000	04/20/00
Preferred Membership Interests (B) Common Membership Interests (B)	1,882 uts. 24,318 uts.	
CAPITAL SPECIALTY PLASTICS, INC. A producer of desiccant strips used for packaging pharmaceutical prod Common Stock (B)	lucts. 109 shs.	*
*12/30/97 AND 05/29/99		
COEUR, INC. A producer of proprietary, disposable power injection syringes. 8.75% Senior Secured Term Note due 2010	\$ 462,862	04/30/03
11.5% Senior Subordinated Note due 2011	\$ 424,819	
Common Stock (B)	126,812 shs.	
Warrant, exercisable until 2010, to purchase		
common stock at \$.01 per share (B)	87,672 shs.	04/30/03
COINING CORPORATION OF AMERICA LLC A manufacturer of close tolerance parts and metal stampings.		
10.62% Senior Secured Revolving Credit Facility due 2007 (C)	\$ 43,210	01/07/02
10.62% Senior Secured Tranche ANote due 2007 (C)	\$ 708,875	06/26/01
13% Senior Secured Tranche B Note due 2008	\$ 648,148	06/26/01
Limited Partnership Interest (B) Warrant, exercisable until 2008, to purchase	6.38% int.	06/26/01
common stock at \$.01 per share (B)	107,036 shs.	06/26/01

CONNOR SPORT COURT INTERNATIONAL, INC.

A designer and manufacturer of outdoor and indoor synthetic sports f 12% Senior Subordinated Note due 2012 (D) Limited Partnership Interest (B) Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)	flooring and other t \$ 2,001,121 7.74% int. 174 shs.	* *
08/12/04 AND 01/18/05. *08/12/04 AND 01/14/05.		
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MassMutual Corpora	ate Investors	
CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006		
	Shares, Units, Warrants, Ownership or	Acquisiti
Corporate Restricted Securities:(A) continued	Principal Amount	Date
CONSOLIDATED FOUNDRIES HOLDINGS A manufacturer of engineered cast metal components for the global ac	erospace and defense	industrie
12% Senior Subordinated Note due 2013 Common Stock (B)	\$ 2,185,714 509 shs.	
Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	103 shs.	06/15/05
*06/15/05 AND 05/22/06.		
COREPHARMA LLC A manufacturer of oral dose generic pharmaceuticals targeted at nich 12% Senior Subordinated Note due 2013 Warrant, exercisable until 2013, to purchase	\$ 2,550,000	08/04/05
common stock at \$.01 per share (B)	20 shs.	08/04/05
DAVIS-STANDARD LLC A manufacturer, assembler, and installer of a broad range of capital processing of plastic materials.		
12% Senior Subordinated Note due 2014 Limited Partnership Interest (B)	\$ 1,847,826 702,174 uts.	10/30/06 10/30/06
Warrant, exercisable until 2014, to purchase preferred stock at \$.01 per share (B)	50 shs.	10/30/06
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	34 shs.	10/30/06
DEXTER MAGNETICS TECHNOLOGIES, INC. A designer, fabricator, assembler and distributor of industrial magr Common Stock	nets and subassembli 585 shs.	es in Nort 07/19/01
Warrant, exercisable until 2007, to purchase common stock at \$.01 per share	297 shs.	07/19/01
	277 5115.	5., 19, 01

DIRECTED ELECTRONICS, INC. A designer and distributor of brand name automotive security systems, audio products and installa

Common Stock (B) Limited Partnership Interest (B)	368,560 shs. 8.70% int.	* *
12/19/05 AND 06/14/06. *12/22/99 AND 09/14/05.		
DIVERSCO, INC./DHI HOLDINGS, INC. Acontract provider of janitorial and equipment maintenance services Membership Interests of MM/Lincap	and temporary produ	ction labo
Diversco Investments Ltd. LLC (B)	27.19% int.	
Preferred Stock (B) Warrants, exercisable until 2011, to purchase common	3,278 shs.	12/14/01
stock of DHI Holdings, Inc. at \$.01 per share (B)	13,352 shs.	* * * *
****10/24/96 AND 8/28/98.		
MassMutual Corporate Investors		
CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006		
	Shares, Units,	
	Warrants, Ownership or	Acquisiti
Corporate Restricted Securities:(A) continued	Principal Amount	
DUNCAN SYSTEMS, INC. A distributor of windshields and side glass for the recreational veh	nicle market.	
10% Senior Secured Term Note due 2013	\$ 540,000	
13% Senior Subordinated Note due 2014 Common Stock (B)	\$ 855,000 180,000 shs.	
Warrant, exercisable until 2014, to purchase	·	
common stock at \$.01 per share (B)	56,514 shs.	11/01/06
DWYER GROUP, INC. A franchiser of a variety of home repair services.		
Common Stock (B)	6,906 shs.	*
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	2,034 shs.	10/30/03
*10/30/03 AND 01/02/04.		
E X C ACQUISITION CORPORATION		
A manufacturer of pre-filled syringes and pump systems used for intr	ravenous drug delive	ery.
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	22 shs.	06/28/04
EAGLE PACK PET FOODS, INC.		
A manufacturer of premium pet food sold through independent pet stor		* *
12% Senior Subordinated Note due 2011 Warrant, exercisable until 2011, to purchase	\$ 1,517,857	* *
common stock at \$.02 per share (B)	4,085 shs.	09/24/04
**09/24/04 AND 04/20/06.		

ENZYMATIC THERAPY, INC. A manufacturer and distributor of branded natural medicines and nutrit Limited Partnership Interest (B) Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	tional supplement 1.32% int. 29,117 shs.	03/30/00
EVANS CONSOLES, INC Adesigner and manufacturer of consoles and control center systems Common Stock (B)	90,000 shs.	05/06/04
F H S HOLDINGS LLC Anational provider of customized disease management services to large 12% Senior Subordinated Note due 2014 Preferred Unit (B) Common Unit (B) Common Unit Class B (B)	self-insured emp \$ 2,390,625 158 uts. 1,594 uts. 1,386 uts.	06/01/06 06/01/06 06/01/06
<pre>FLUTES, INC. An independent manufacturer of micro fluted corrugated sheet material 10% Senior Secured Term Note due 2013 14% Senior Subordinated Note due 2014 Common Stock (B) Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)</pre>	for the food and \$ 918,385 \$ 552,298 109,436 shs. 30,940 shs.	04/13/06 04/13/06 04/13/06

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MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006

Corporate Restricted Securities:(A) continued	I Owi	res, Units, Varrants, hership or cipal Amount	-
FOWLER HOLDING, INC.			
A provider of site development services to residential homebuilders Raleigh/Durham region of North Carolina.	and deve	elopers in th	ne
12% Senior Subordinated Note due 2013	\$	2,365,217	02/03/06
Common Stock (B)		185 shs.	02/03/06
Warrant, exercisable until 2013, to purchase			
common stock at \$.01 per share (B)		254 shs.	02/03/06

FUEL SYSTEMS HOLDING CORPORATIONAn independent North American supplier of fuel tanks for a wide variety of commercial vehicles.12% Senior Subordinated Note due 2014\$ 2,337,500Common Stock (B)212,500Warrant, exercisable until 2016, to purchase
common stock at \$.01 per share (B)138,408Senior Subordinated Note due 2014138,408

H M HOLDING COMPANY A designer, manufacturer, and importer of promotional and wood furniture. 12% Senior Subordinated Note due 2013 \$ 2,210,000 02/10/06 Common Stock (B) 340 shs. 02/10/06 Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B) 126 shs. 02/10/06 HIGHGATE CAPITAL LLC An acquirer of controlling or substantial interests in manufacturing and marketing entities. 1.19% int. 07/21/94 Series APreferred Units (B) HOME DECOR HOLDING COMPANY A designer, manufacturer and marketer of framed art and wall decor products. 12.5% Senior Subordinated Note due 2012 \$ 2,043,269 Common Stock (B) 63 shs. Warrant, exercisable until 2012, to purchase * common stock at \$.02 per share (B) 200 shs. *06/30/04 AND 08/19/04. INTEGRATION TECHNOLOGY SYSTEMS, INC. A manufacturer of steel protective computer and network systems for the industrial and office env 12% Senior Secured Note due 2007 \$ 1,644,444 03/01/04 Common Stock (B) 228 shs. 06/01/00 ITC^DELTACOM, INC A provider of integrated communications services in the southeastern United States. \$ 2,237,971 07/26/05 13.88% Senior Secured Note due 2009 (C) 17.38% Senior Secured Note due 2009 (C) 363,203 07/26/05 \$ Warrant, exercisable until 2009, to purchase 102,884 shs. 07/26/05 convertible preferred stock at \$.01 per share (B)

MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006

	Shares, Units,
	Warrants,
	Ownership or Acquisiti
Corporate Restricted Securities:(A) continued	Principal Amount Date
JASON, INC.	

A diversified manufacturing company serving various industrial markets. 13% Senior Subordinated Note due 2008 \$ 963,687 08/04/00 14% Cumulative Redeemable Preferred Stock Series A(B) 289 shs. 08/04/00 Limited Partnership Interest of

6 6		
Saw Mill Capital Fund II, L.P. (B)	2.50% int	. 08/03/00
Warrants, exercisable until 2008 and 2009, to pur common stock at \$.01 per share (B)	chase 50,870 shs	. 08/04/00
JUSTRITE MANUFACTURING AQUISITION CO. A manufacturer of safety products such as storage	cabinets and containers	
12% Senior Subordinated Note due 2011	\$ 1,593,75	0 12/15/04
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	1,121 shs	. 12/15/04
common scock at v.or per share (b)	1,121 3113	. 12/13/04
K N B HOLDINGS CORPORATION A designer, manufacturer and marketer of products	for the custom framing market	
13.5% Senior Subordinated Note due 2013	\$ 2,428,48	6 05/25/06
Common Stock (B)	134,210 shs	. 05/25/06
Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)	82,357 shs	. 05/25/06
common stock at \$.01 per share (B)	82,35/ Shs	. 05/25/06
KEEPSAKE QUILTING, INC. A seller of quilting fabrics, books, patterns, ki	te and notions to consumers	
8.87% Senior Secured Revolving Note due 2007 (C)	\$ 110,07	8 06/16/00
8.87% Senior Secured Tranche ANote due 2007 (C)	\$ 137,59	
12% Senior Secured Tranche B Note due 2008	\$ 550,39	
Limited Partnership Interest of		00/10/00
Riverside XVI Holding Company, L.P. (B) Warrant, exercisable until 2008, to purchase	5.29% int	. 06/12/00
common stock at \$.01 per share (B)	1,108 shs	. 06/12/00
KELE AND ASSOCIATES, INC.		
A distributor of building automation control prod		
12% Senior Subordinated Note due 2012 Preferred Stock (B)	\$ 1,831,54 23 shs	
Common Stock (B)	23 ShS 12 shs	
Warrant, exercisable until 2012, to purchase		
common stock at \$.02 per share (B)	11 shs	. 02/27/04
KEYSTONE NORTH AMERICA, INC.		
An operator of funeral homes in North America.		
Common Stock	49,216 shs	. 02/08/05
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	MassMutual Corporate Investors	
CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006		
	Shares, Units	
	Warrants,	,
	Ownership or	Acquisiti
Corporate Restricted Securities:(A) continued	Principal Amou	nt Date

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ITH TANGECTARE I R		
LIH INVESTORS, L.P. A manufacturer and marketer of a broad line of external accessories for	new and used sp	ort utilit
12.5% Senior Subordinated Note due 2008	\$ 3,845,000	*
Common Stock (B)	5,800 shs.	*
Warrant, exercisable until 2008, to purchase	15 570 ebe	+
common stock at \$.11 per share (B)	15,572 shs.	Â
*12/23/98 AND 01/28/99.		
MAGNATECH INTERNATIONAL, INC.		
A supplier of process equipment and related parts used in the manufactu	ring of medium a	nd high-pr
12% Senior Subordinated Note due 2014	\$ 1,275,000	04/05/06
13% Preferred Stock (B)	565 shs.	04/05/06
Common Stock (B)	125 shs.	04/05/06
Warrant, exercisable until 2014, to purchase	10 1	04/05/06
common stock at \$.01 per share (B)	13 shs.	04/05/06
MAVERICK ACQUISITION COMPANY A manufacturer of capsules that cover the cork and neck of wine bottles		
9.87% Senior Secured Tranche ANote due 2010 (C)	\$ 667,169	09/03/04
12% Senior Secured Tranche B Note due 2011	\$ 313,433	
Limited Partnership Interest (B)	7.84% int.	
Warrant, exercisable until 2011, to purchase		
common stock at \$.01 per share (B)	425 shs.	09/03/04
<pre>MAXON CORPORATION A manufacturer of industrial combustion equipment and related shut-off 12% Senior Subordinated Note due 2012 8.75% Senior Subordinated Note due 2012 Common Stock (B) Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)</pre>	valves and contro \$ 962,215 \$ 1,155,562 381,672 shs. 153,572 shs.	09/30/04 09/30/04 09/30/04
MEDASSIST, INC. A provider of patient eligibility and accounts receivable management se 8% Preferred Stock (B) Common Stock (B) Warrant, exercisable until 2013, to purchase	ervices to hospita 84 shs. 26,185 shs.	als and ph 10/28/04 10/28/04
common stock at \$.01 per share (B)	88,948 shs.	05/01/03
<pre>MICROGROUP, INC. A manufacturer of precision parts and assemblies, and a value-added sup 12% Senior Subordinated Note due 2013 Common Stock (B) Warrant, exercisable until 2013, to purchase common stock at \$.02 per share (B)</pre>	oplier of metal tr \$ 2,685,614 450 shs. 164 shs.	ubing and ** **
-		

**08/12/05 AND 09/11/06.

MassMutual Corporate Investors CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006 Shares, Units, Warrants, Ownership or Acquisiti Corporate Restricted Securities: (A) continued Principal Amount Date _____ MOMENTUM HOLDING CO. A designer and supplier of upholstery fabric to commercial furniture manufacturers and architectu \$ 1,168,847 08/04/06 106,153 uts. 08/04/06 12% Senior Subordinated Note due 2014 Limited Partnership Interest (B) Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) 1,107 shs. 08/04/06 MONESSEN HOLDING CORPORATION A designer and manufacturer of a broad line of gas, wood, and electric hearth products and access \$ 2,550,000 03/31/06 12% Senior Subordinated Note due 2014 Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B) 152 shs. 03/31/06 MORTON INDUSTRIAL GROUP, INC. A manufacturer of highly engineered metal fabricated components \$ 2,440,909 08/25/06 12% Senior Subordinated Note due 2014 109,091 shs. 08/25/06 Common Stock (B) Warrant, exercisable until 2014, to purchase 173,633 shs. 08/25/06 common stock at \$.01 per share (B) MOSS, INC. A manufacturer and distributor of large display and exhibit structures. 9.37% Senior Secured Revolving Note due 2010 (C) \$ 926,471 07/03/06 164,706 9.37% Senior Secured Tranche ANote due 2010 (C) \$ 12/21/05 12% Senior Secured Tranche B Note due 2010 \$ 350,000 12/21/05 Limited Partnership Interest of 33.59% int. * Riverside Capital Appreciation Fund I, L.P. (B) Warrant, exercisable until 2010, to purchase 214 shs. 12/21/05 common stock at \$.01 per share (B) *09/20/00 AND 05/23/02. NABCO, INC. A producer of explosive containment vessels in the United States. 12% Senior Subordinated Note due 2014 \$ 625,000 02/24/06 Limited Partnership Interest (B) 650 uts. 02/24/06 Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B) 48 shs. 02/24/06

NEFF MOTIVATION, INC A manufacturer and distributor of customized awards and sportswear to schools.

12.5% Senior Subordinated Note due 2011
Warrant, exercisable until 2011, to purchase
 common stock at \$.01 per share (B)

\$ 1,062,500 01/31/03

212 shs. 01/31/03

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MassMutual Corporate Investors

hares, Units, Warrants, Ownership or incipal Amount	-
merica. \$ 1,863,462	03/29/04
255 shs.	
6,455 shs.	
0,100 0115.	03/23/0
8,622 shs.	03/29/04
\$ 812,500 \$ 1,500,000 312,500 shs. 243,223 shs.	01/28/02 01/28/02
\$ 2,372,732	12/20/05
I, , , 200 5115.	12/20/00
99,771 shs.	12/20/05
17 9	7,268 shs.

with a focus on delibilitators and stends.		
10% Senior Secured Note due 2012	\$ 565,452	01/03/06
13% Senior Subordinated Note due 2013	\$ 687,241	01/03/06
Common Stock (B)	322,307 shs.	01/03/06
Warrant, exercisable until 2013, to purchase		
common stock at \$.01 per share (B)	72,185 shs.	01/03/06

OLYMPIC SALES, INC. A boat retailer in Washington state, Oregon, California and British Columbia.

12% Senior Subordinated Note due 2008	\$	1,606,000	08/07/98
12% Senior Subordinated Note due 2008	\$	307,071	02/09/00
Limited Partnership Interest of Riverside VIII,			
VIII-A and VIII-B Holding Company, L.P.		20.57% int.	*
Warrants, exercisable until 2007 and 2008, to purchase			
common stock at \$.01 per share (B)		28,648 shs.	* *
*08/07/98, 02/23/99, 12/22/99 AND 02/25/03. **08/07/98 AND 02/09/00.			
ONTARIO DRIVE & GEAR LTD.			
Amanufacturer of all-wheel drive, off-road amphibious vehicles and relat	ed	accessories.	
13% Senior Subordinated Note due 2013	\$	1,977,885	01/17/06
Limited Partnership Interest (B)		3,667 uts.	01/17/06
Warrant, exercisable until 2013, to purchase			
common stock at \$.01 per share (B)		619 shs.	01/17/06

MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006

Corporate Restricted Securities:(A) continued	l Ow:	res, Units, Warrants, nership or cipal Amount 	-
OVERTON'S HOLDING COMPANY			
A marketer of marine and water sports accessories in the United States			
12% Senior Subordinated Note due 2014	\$	1,817,308	04/28/06
Common Stock (B)		95 shs.	04/28/06
Warrant, exercisable until 2014, to purchase			
common stock at \$.01 per share (B)		94 shs.	04/28/06
P A S HOLDCO LLC			
An independent provider of maintenance, repair and overhaul services t	o the	aerospace g	as turbine
14% Senior Subordinated Note due 2014	\$	2,178,325	07/03/06
Dreferred Unit (D)		202 11+ 0	07/02/06

Preferred Unit (B)	382 uts.	07/03/06
Preferred Unit (B)	69 uts.	07/03/06
Common Unit Class I (B)	148 uts.	07/03/06
Common Unit Class L (B)	31 uts.	07/03/06

P I I HOLDING CORPORATION A manufacturer of plastic film and bags for the general industrial, medical, and food industries. 12% Senior Subordinated Note due 2013 Preferred Stock (B) Common Stock (B) Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)

A manufacturer of plastic bottles and closures for the nutritional, p 12% Senior Subordinated Note due 2008	harmaceutical, pe \$ 2,125,000	
Membership Interests of MM/Lincap PPI Investments, Inc., LLC (B)	2.42% int.	
FFI Investments, Inc., LLC (B)	2.425 1110.	12/21/00
POSTLE ALUMINUM COMPANY LLC		
A manufacturer and distributor of aluminum extruded products.	¢ 2.040.000	10/02/06
12% Senior Subordinated Note due 2014 Limited Partnership Interest (B)	\$ 2,040,000 1384 uts.	
Warrant, exercisable until 2016, to purchase		
common stock at \$.01 per share (B)	344 shs.	10/02/06
PROTEIN GENETICS, INC.		
A producer of bovine artificial insemination products, related breedi	ing and healthcare	products a
sold to the dairy and beef industries. 9.8% Redeemable Exchangeable Preferred Stock (B)	1,004 shs.	08/12/94
Common Stock (B)	2,600 shs.	*
*11/14/01 AND 08/12/94		
QUALIS AUTOMOTIVE LLC		
$ ilde{A}$ distributor of aftermarket automotive brake and chassis products.		
12% Senior Subordinated Note due 2012	\$ 1,770,833	
Common Stock Warrant, exercisable until 2012, to purchase	354,167 shs.	05/28/04
common stock at \$.01 per share	377,719 shs.	05/28/04
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MassMutual Corporat	te Investors	
CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006		
	Shares, Units,	
	Warrants,	
	Ownership or	
Corporate Restricted Securities:(A) continued	Principal Amoun	
QUALSERV CORPORATION		
A provider of foodservice equipment and supplies to major restaurant 14% Senior Subordinated Note due 2012 (D)	chains and their \$ 1,893,563	
Limited Partnership Interest (B)	9.26% int.	
Warrant, exercisable until 2012, to purchase		
common stock at \$.01 per share (B)	528 shs.	07/09/04
R A J MANUFACTURING HOLDINGS LLC		

A designer and manufacturer of women's swimwear sold under a variety of licensed brand names. 12.5% Senior Subordinated Note due 2014 \$ 2,267,190 12/15/06

Limited Partnership Interest (B)	2,828 uts.	12/15/06
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	3 shs.	12/15/06
RADIAC ABRASIVES, INC. A manufacturer of bonded abrasive and super abrasive grinding wheels .	in the United Stat	es.
12% Senior Subordinated Note due 2014 Common Stock (B) 289,362 shs	\$ 2,260,638 02/10/06	02/10/06
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	131,555 shs.	02/10/06
RIVER RANCH FRESH FOODS LLC A supplier of fresh produce to the retail and foodservice channels.		
13% Senior Subordinated Note due 2011 (D)	\$ 1,841,667	09/29/04
Limited Partnership Interest (B)	40,610 uts.	09/29/04
18% Prefered Stock (B)	141,667 shs.	11/16/06
Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	23,575 shs.	09/29/04
ROYAL BATHS MANUFACTURING COMPANY A manufacturer and distributor of acrylic and cultured marble bathroom 12.5% Senior Subordinated Notes due 2011 Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)	m products. \$ 1,062,500 140 shs.	11/14/03 11/14/03
SAFETY SPEED CUT MANUFACTURING COMPANY, INC A manufacturer of vertical panel saws and routers for the wood working	g industry.	
8.87% Senior Secured Tranche ANote due 2007 (C)	\$ 282,663	06/02/99
12% Senior Secured Tranche B Note Due 2007	\$ 1,130,652	06/02/99
Class B Common Stock (B)	1,480 shs.	06/02/99
SAVAGE SPORTS HOLDING, INC.		
A manufacturer of sporting firearms 12% Senior Subordinated Note due 2012	\$ 1,538,793	09/10/04
Common Stock (B)	586 shs.	09/10/04
Warrant, exercisable until 2012, to purchase		
common stock at \$.01 per share (B)	134 shs.	09/10/04

MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006

Shares, Units, Warrants,

Corporate Restricted Securities:(A) continued	Ownership or Principal Amount	Date
SPECIALTY FOODS GROUP, INC. A manufacturer and distributor of branded meat products.		
Limited Partnership Interest of MHD Holdings LLC	1.43% int.	08/29/00
STANTON CARPET HOLDING CO. A designer and marketer of high and mid-priced decorative carpets and r 12.13% Senior Subordinated Note due 2014	-	08/01/06
Common Stock (B)	\$ 2,239,024 311 shs.	
Warrant, exercisable until 2014, to purchase common stock at \$.01 per share (B)	104 shs.	08/01/06
<pre>STRATEGIC EQUIPMENT & SUPPLY CORPORATION, INC. A provider of kitchen and restaurant design, equipment fabrication and Warrant, exercisable until 2008, to purchase common stock at \$.01 per share (B) SYNVENTIVE EQUITY LLC A manufacturer of hot runner systems used in the plastic injection mole Limited Partnership Interest (B) Warrant, exercisable until 2011, to purchase common stock at \$.01 per share (B)</pre>	106,539 shs.	01/14/00 08/20/03
<pre>TANGENT RAIL CORPORATION A manufacturer of rail ties and provides specialty services to the Nort 13% Senior Subordinated Note due 2013 Preferred Stock Common Stock (B) Warrant, exercisable until 2013, to purchase common stock at \$.01 per share (B)</pre>	ch American railr \$ 2,217,385 1,324 shs. 2,203 shs. 1,167 shs.	10/14/05 10/14/05 10/14/05
TERRA RENEWAL SERVICES, INC. A provider of wastewater residual management and required environmental record keeping to companies involved in poultry and food processing. 8.64% Senior Secured Tranche B Note due 2012 (C)	\$ 1,597,149	nitting, nu 04/28/06
12% Senior Subordinated Note due 2014 Limited Partnership Interest of Saw Mill Capital Fund V, L.P.	\$ 1,162,110 2.30% int.	* 03/01/05
Warrant, exercisable until 2016, to purchase common stock at \$.01 per share (B)	72 shs.	04/28/06
*04/28/06 AND 09/13/06.		
THE TRANZONIC COMPANIES Aproducer of commercial and industrial supplies, such as safety product	s, janitorial su	upplies, wo
supplies and sanitary care products. 13% Senior Subordinated Note due 2009 Common Stock (B)	\$ 2,712,000 630 shs.	02/05/98 02/04/98
Warrant, exercisable until 2009, to purchase common stock at \$.01 per share (B)	444 shs.	02/05/98

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MassMutual Corporate Investors

	Sha	res, Units,	
		Warrants,	
Corporate Restricted Securities:(A) continued		nership or cipal Amount	-
TRANSTAR HOLDING COMPANY			
A distributor of aftermarket automotive transmission parts.			<u></u>
12% Senior Subordinated Note due 2013	\$	1,734,000	08/31/09
Common Stock (B) Warrant, exercisable until 2013, to purchase		816 shs.	UQ/JT/U.
common stock at \$.01 per share (B)		86 shs.	08/31/05
TRONAIR, INC.			
A designer, engineer and manufacturer of ground support equipment for			
10.5% Senior Secured Term Note due 2008 12% Senior Subordinated Note due 2010	Ş	789,836 1,326,500	01/20/00
Common Stock (B)		27,400 shs.	01/20/00
Warrant, exercisable until 2010, to purchase			· · / - · / ·
common stock at \$1 per share (B)	2	60,563 shs.	01/20/00
TRUCK BODIES & EQUIPMENT INTERNATIONAL A designer and manufacturer of accessories for heavy and medium duty to of flat-bed bodies, landscape bodies and other accessories. 12% Senior Subordinated Note due 2013 Common Stock (B) Warrant, exercisable until 2013, to purchase		2,309,541 742 shs. 153 shs.	dump bodie
common stock at \$.02 per share (B)			
common stock at \$.02 per snare (B) *07/19/05 AND 12/22/05.			
*07/19/05 AND 12/22/05. TRUSTILE DOORS, INC.			
*07/19/05 AND 12/22/05. TRUSTILE DOORS, INC. A manufacturer and distributor of interior doors. 12.5% Senior Subordinated Note due 2010	\$	1,062,500	04/11/0
*07/19/05 AND 12/22/05. TRUSTILE DOORS, INC. A manufacturer and distributor of interior doors.	Ş	1,062,500 5,781 shs.	
<pre>*07/19/05 AND 12/22/05. TRUSTILE DOORS, INC. A manufacturer and distributor of interior doors. 12.5% Senior Subordinated Note due 2010 Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) TUBULAR TEXTILE MACHINERY A designer, manufacturer, seller and servicer of finishing machinery for the service of finishing machinery finishing machinery for the service of finishing ma</pre>	for th	5,781 shs. We knit and w	04/11/0 oven segm
<pre>*07/19/05 AND 12/22/05. TRUSTILE DOORS, INC. A manufacturer and distributor of interior doors. 12.5% Senior Subordinated Note due 2010 Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) TUBULAR TEXTILE MACHINERY A designer, manufacturer, seller and servicer of finishing machinery f 12% Senior Subordinated Note due 2014</pre>	for th \$	5,781 shs. We knit and w 1,234,551	04/11/0 oven segm 05/28/0
<pre>*07/19/05 AND 12/22/05. TRUSTILE DOORS, INC. A manufacturer and distributor of interior doors. 12.5% Senior Subordinated Note due 2010 Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) TUBULAR TEXTILE MACHINERY A designer, manufacturer, seller and servicer of finishing machinery f 12% Senior Subordinated Note due 2014 8.75% Senior Secured Note due 2011</pre>	for th \$ \$	5,781 shs. We knit and w 1,234,551 716,292	04/11/0 oven segm 05/28/0 05/28/0
<pre>*07/19/05 AND 12/22/05. TRUSTILE DOORS, INC. A manufacturer and distributor of interior doors. 12.5% Senior Subordinated Note due 2010 Warrant, exercisable until 2010, to purchase common stock at \$.01 per share (B) TUBULAR TEXTILE MACHINERY A designer, manufacturer, seller and servicer of finishing machinery f 12% Senior Subordinated Note due 2014</pre>	for th \$ \$	5,781 shs. We knit and w 1,234,551	04/11/0 oven segm 05/28/0

U S S HOLDINGS, INC.			
A producer of high grade industrial and specialty silica sands.			
14% Redeemable Preferred Stock (B)	997	shs.	09/30/99
Convertible Preferred Stock Series Aand B, convertible			
into common stock at \$8.02 per share (B)	145,446	shs.	12/19/96
Common Stock (B)	20,027	shs.	09/30/99
Warrants, exercisable until 2010 to			
purchase common stock at \$.01 per share (B)	4,918	shs.	* *

**12/19/96 AND 9/30/99.

MassMutual Corporate Investors

CONSOLIDATED SCHEDULE OF INVESTMENTS December 31, 2006

Corporate Restricted Securities:(A) continued		Shares, Units, Warrants, Ownership or Principal Amount	
U-LINE CORPORATION A manufacturer of high-end, built-in, undercounter ice making, wine st	orage a	and refrige	ration app
12.5% Senior Subordinated Note due 2012	2	1,882,100	
Common Stock (B)		182 shs.	04/30/04
Warrant, exercisable until 2012, to purchase common stock at \$.01 per share (B)		230 shs.	04/30/04
VICTORY VENTURES LLC An acquirer of controlling or substantial interests in other entities Series APreferred Units (B)	0).15% int.	12/02/96
VITALITY FOODSERVICE, INC.			

A non-carbonated beverage dispensing company focused on the foodservice industry. 13% Senior Subordinated Note due 2011 \$ 1,887,288 09/24/04 Common Stock (B)